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United States Patent [19]

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[54] **RELATING TO BINDING PROTEINS FOR RECOGNITION OF DNA**

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[52] **U.S. Cl.** **435/6**; 536/23.4

[58] **Field of Search** 435/6, 69.1, 91.4, 435/325, 235.1, 320.1; 536/23.1, 24.1, 23.4

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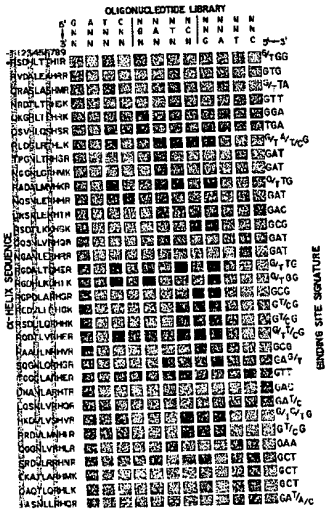
[57] **ABSTRACT**

Disclosed are libraries of DNA sequences encoding zinc finger binding motifs for display on a particle, together with methods of designing zinc finger binding polypeptides for binding to a particular target sequence and, inter alia, use of designed zinc finger polypeptides for various in vivo applications.

41 Claims, 14 Drawing Sheets



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